

WHAT IS CLAIMED IS:

1. A system for providing location-based yellow pages information, the system comprising:
a yellow pages database, the yellow pages database including a plurality of advertiser entries,
each advertiser entry of at least a subset of the plurality of advertiser entries including an
advertiser identifier field to store an advertiser identifier and an advertiser measured
location information field to store advertiser measured location information.
2. The system of claim 1, the system further comprising:
a server coupled to the yellow pages database, the server including a processor, a memory,
and a network port, the memory storing a plurality of instructions to be executed by the
processor, the plurality of instructions including location-based yellow pages database
access instructions.
3. The system of claim 1, wherein each advertiser entry of at least the subset of the plurality
of advertiser entries includes additional advertiser data.
4. The system of claim 2, wherein:
the server is configured to receive user measured location information; and
each advertiser entry of at least a subset of the plurality of advertiser entries includes an
advertiser category identifier field to store one or more advertiser category identifiers.
5. The system of claim 4, wherein the advertiser measured location information and the user
measured location information include longitude and latitude information.

6. The system of claim 4, wherein the advertiser measured location information and the user measured location information are based at least in part on two-dimensional locational information.

7. The system of claim 4, wherein the server is configured to receive a user advertiser category identifier.

8. The system of claim 7, wherein the server is configured to identify one or more advertiser entries based at least in part on the user advertiser category identifier.

9. The system of claim 8, wherein the server is configured to organize a listing of the identified one or more advertiser entries based at least in part on

the user measured location information, and

the advertiser measured location information of the identified one or more advertiser entries.

10. The system of claim 2, the system further comprising a voice extensible markup language server coupled to the server.

11. The system of claim 2, wherein the server includes voice extensible markup language server instructions.

12. The system of claim 2, wherein the server is configured to communicate with a user computer, the user computer including web graphical user interface instructions and user measured location information.

13. The system of claim 2, wherein the server is configured to communicate with a wireless communications device, the wireless communications device including microbrowser instructions.

14. The system of claim 2, the system further comprising:
an advanced intelligent network (“AIN”) service control point (“SCP”) coupled to the server,
the AIN SCP coupled to a measured location information database, the AIN SCP
configured to receive a phone number location query including a phone number and to
send a location response including measured location information associated with the
phone number.

15. A system for providing location-based yellow pages information, the system comprising:
a first server including
 a processor,
 a network port coupled to the processor, and
 a memory coupled to the processor, the memory storing a plurality of instructions
 configured to be executed by the processor, the plurality of instructions including
 location-based yellow pages database access instructions;
a yellow pages database coupled to the first server, the yellow pages database including a
 plurality of advertiser entries, each advertiser entry of at least a first subset of the
 plurality of advertiser entries including advertiser measured location information, each
 advertiser entry of at least a second subset of the plurality of advertiser entries lacking
 advertiser measured location information.

16. The system of claim 15, wherein the server is configured to receive user measured location information.

17. The system of claim 16, wherein the server is configured to receive user measured location information from a user computer.

18. The system of claim 15, wherein the advertiser measured location information is based at least in part on latitude and longitude information.

19. The system of claim 15, wherein the advertiser measured location information is based at least in part on two-dimensional location information.

20. The system of claim 15, wherein the advertiser measured location information is based at least in part on three-dimensional location information.

21. The system of claim 15, wherein the server is configured to receive a user phone number and send a location query including the user phone number.

22. The system of claim 21, wherein the server sends the location query to a wireless network.

23. The system of claim 21, wherein the server sends the location query to an advanced intelligent network service control point.

24. The system of claim 15, wherein:

each advertiser entry of the first subset and second subset of the plurality of advertiser entries includes an advertiser category identifier field to store one or more advertiser category identifiers; and the server is configured to receive user measured location information and a user advertiser category identifier.

25. The system of claim 24, wherein:

the server identifies one or more advertiser entries of the first subset of the plurality of advertiser entries based at least in part on the user advertiser category identifier; the server presents the identified one or more advertiser entries of the first subset of the plurality of advertiser entries based at least in part on the user measured location information, and the advertiser measured location information of the identified one or more advertiser entries of the first subset of the plurality of advertiser entries; the server identifies one or more advertiser entries of the second subset of the plurality of advertiser entries based at least in part on the user advertiser category; and the server presents the identified one or more advertiser entries of the second subset of the plurality of advertiser entries.

26. A method for providing location-based yellow pages information, the method comprising:

storing a plurality of advertiser entries in a yellow pages database, each advertiser entry of at least a first subset of the plurality of advertiser entries including an advertiser identifier field to store an advertiser identifier, an advertiser category identifier field to store one or

more category identifiers, and an advertiser measured location information field to store advertiser measured location information;

storing advertiser measured location information in at least each advertiser entry of a second subset of the plurality of advertiser entries, the second subset of the plurality of advertiser entries being a subset of the first subset of the plurality of advertiser entries;

receiving user measured location information;

receiving a user advertiser category identifier;

selecting one or more advertiser entries of the plurality of advertiser entries based at least in part on the user advertiser category identifier; and

presenting the selected one or more advertiser entries based at least in part on the user measured location information and the advertiser measured location information of the selected one or more advertiser entries.

27. The method of claim 26, wherein receiving user measured location information includes receiving user measured location information sent by a communications device selected from the group consisting of a computer, a fixed-location telephone, a wireless telephone, a wireless communications device, a wireless communications network, and an advanced intelligent network service control point.

28. The method of claim 26, wherein receiving a user advertiser category identifier includes:

sending a user advertiser confirmation query; and

receiving a user advertiser confirmation response.

29. The method of claim 28, wherein sending the user advertiser confirmation query includes sending one or more advertiser subcategories.

30. The method of claim 26, wherein receiving user measured location information includes sending a cookie based at least in part on the user measured location information to a user computer.

31. The method of claim 26, wherein presenting the selected one or more advertiser entries based at least in part on the user measured location information and the advertiser measured location information of the selected one or more advertiser entries includes:

determining distance data between the user measured location information and the advertiser measured location information of the selected one or more advertiser entries; and
organizing a listing of the selected one or more advertising entries based at least in part on the determined distance data.

32. The method of claim 31, wherein organizing a listing includes organizing from a smallest distance to a largest distance.

33. The method of claim 31, wherein organizing a listing includes organizing from a smallest time period to a largest time period.

34. The method of claim 31, wherein selecting one or more advertiser entries of the plurality

of advertiser entries based at least in part on the user advertiser category identifier includes:

selecting one or more advertiser entries of the second subset of the plurality of advertiser entries based at least in part on the user advertiser category identifier;
selecting one or more advertising entries of a third subset of the plurality of advertiser entries based at least in part on the user advertiser category identifier, the selected one or more

advertising entries of the third subset of the plurality of advertiser entries lacking advertiser measured location information.

35. The method of claim 34, wherein presenting the selected one or more advertiser entries based at least in part on the user measured location information and the advertiser measured location information of the selected one or more advertiser entries includes:

organizing a listing of the selected one or more advertising entries of the second subset of the plurality of advertiser entries based at least in part on

the user measured location information, and

the advertiser measured location information of the selected one or more advertising entries of the second subset of the plurality of advertiser entries; and

organizing a listing of the selected one or more advertising entries of the third subset of the plurality of advertiser entries.

36. The method of claim 35, wherein organizing the listing of the selected one or more advertising entries of the third subset of the plurality of advertiser entries is based at least in part on a telephone exchange area and an area code area.

37. The method of claim 36, wherein organizing the listing of the selected one or more advertising entries of the third subset of the plurality of advertiser entries is further based at least in part on at least one of a zip code area and a local access and transport area.

38. The method of claim 26, wherein the advertiser measured location information and the user measured location information are based at least in part on longitude and latitude information.

39. The method of claim 26, wherein the advertiser measured location information and the user measured location information are based at least in part on two-dimensional location information.

40. A method of providing a location-based yellow pages service, the method comprising: operating a yellow pages service, the yellow pages service including a yellow pages database, the yellow pages database including a first set of advertiser entries and a second set of advertiser entries, the first set of advertiser entries including advertiser measured location information, the second set of advertiser entries lacking advertiser measured location information; and charging the advertisers corresponding to the first set of advertiser entries a fee to include advertiser measured location information in the yellow pages database.

41. The method of claim 40, the method further comprising: receiving a request from a user to present advertiser information corresponding to an advertiser category; and presenting advertiser information from the first set of advertiser entries including advertiser measured location information prior to presenting advertiser information from the second set of advertiser entries lacking advertiser measured location information.

42. A method of providing a location-based yellow pages service, the method comprising: operating a yellow pages service, the yellow pages service including a first advertiser's information and a second advertiser's information, the first advertiser's information including measured location information, the second advertiser's information lacking measured location information; and

charging the first advertiser an additional fee based at least in part on including measured location information as part of the first advertiser's information.

43. The method of claim 42, the method further comprising presenting the first advertiser's information prior to the second advertiser's information based at least in part on the first advertiser's information including measured location information.

44. A system for providing location-based yellow pages information, the system comprising:
means for storing a plurality of advertiser entries in a yellow pages database, each advertiser entry of at least a first subset of the plurality of advertiser entries including an advertiser identifier field to store an advertiser identifier, an advertiser category identifier field to store one or more category identifiers, and an advertiser measured location information field to store advertiser measured location information;
means for storing advertiser measured location information in at least each advertiser entry of a second subset of the plurality of advertiser entries, the second subset of the plurality of advertiser entries being a subset of the first subset of the plurality of advertiser entries;
means for receiving user measured location information;
means for receiving a user advertiser category identifier;
means for selecting one or more advertiser entries of the plurality of advertiser entries based at least in part on the user advertiser category identifier; and
means for presenting the selected one or more advertiser entries based at least in part on the user measured location information and the advertiser measured location information of the selected one or more advertiser entries.

45. The system of claim 44, wherein the advertiser measured location information and the user measured location information are based at least in part on longitude and latitude information.

46. The system of claim 44, wherein the advertiser measured location information and the user measured location information are based at least in part on two-dimensional location information.

47. The system of claim 44, wherein the advertiser measured location information and the user measured location information are based at least in part on three-dimensional location information.

48. A method for providing location-based yellow pages information, the method comprising:

a step for storing a plurality of advertiser entries in a yellow pages database, each advertiser entry of at least a first subset of the plurality of advertiser entries including an advertiser identifier field to store an advertiser identifier, an advertiser category identifier field to store one or more category identifiers, and an advertiser measured location information field to store advertiser measured location information;

a step for storing advertiser measured location information in at least each advertiser entry of a second subset of the plurality of advertiser entries, the second subset of the plurality of advertiser entries being a subset of the first subset of the plurality of advertiser entries;

a step for receiving user measured location information;

a step for receiving a user advertiser category identifier;

a step for selecting one or more advertiser entries of the plurality of advertiser entries based at least in part on the user advertiser category identifier; and

a step for presenting the selected one or more advertiser entries based at least in part on the user measured location information and the advertiser measured location information of the selected one or more advertiser entries.

49. The method of claim 48, wherein the advertiser measured location information and the user measured location information are based at least in part on longitude and latitude information.

50. The system of claim 48, wherein the advertiser measured location information and the user measured location information are based at least in part on two-dimensional location information.

51. A computer-readable medium storing a plurality of instructions to be executed by a processor for providing location-based yellow pages information, the plurality of instructions comprising instructions to:

store a plurality of advertiser entries in a yellow pages database, each advertiser entry of at least a first subset of the plurality of advertiser entries including an advertiser identifier field to store an advertiser identifier, an advertiser category identifier field to store one or more category identifiers, and an advertiser measured location information field to store advertiser measured location information;

store advertiser measured location information in at least each advertiser entry of a second subset of the plurality of advertiser entries, the second subset of the plurality of advertiser entries being a subset of the first subset of the plurality of advertiser entries;

receive user measured location information;

receive a user advertiser category identifier;

select one or more advertiser entries of the plurality of advertiser entries based at least in part on the user advertiser category identifier; and

present the selected one or more advertiser entries based at least in part on the user measured location information and the advertiser measured location information of the selected one or more advertiser entries.

52. The computer-readable medium of claim 51, wherein the advertiser measured location information and the user measured location information are based at least in part on longitude and latitude information.

53. The computer-readable medium of claim 51, wherein the advertiser measured location information and the user measured location information are based at least in part on two-dimensional location information.